

Fig. 1

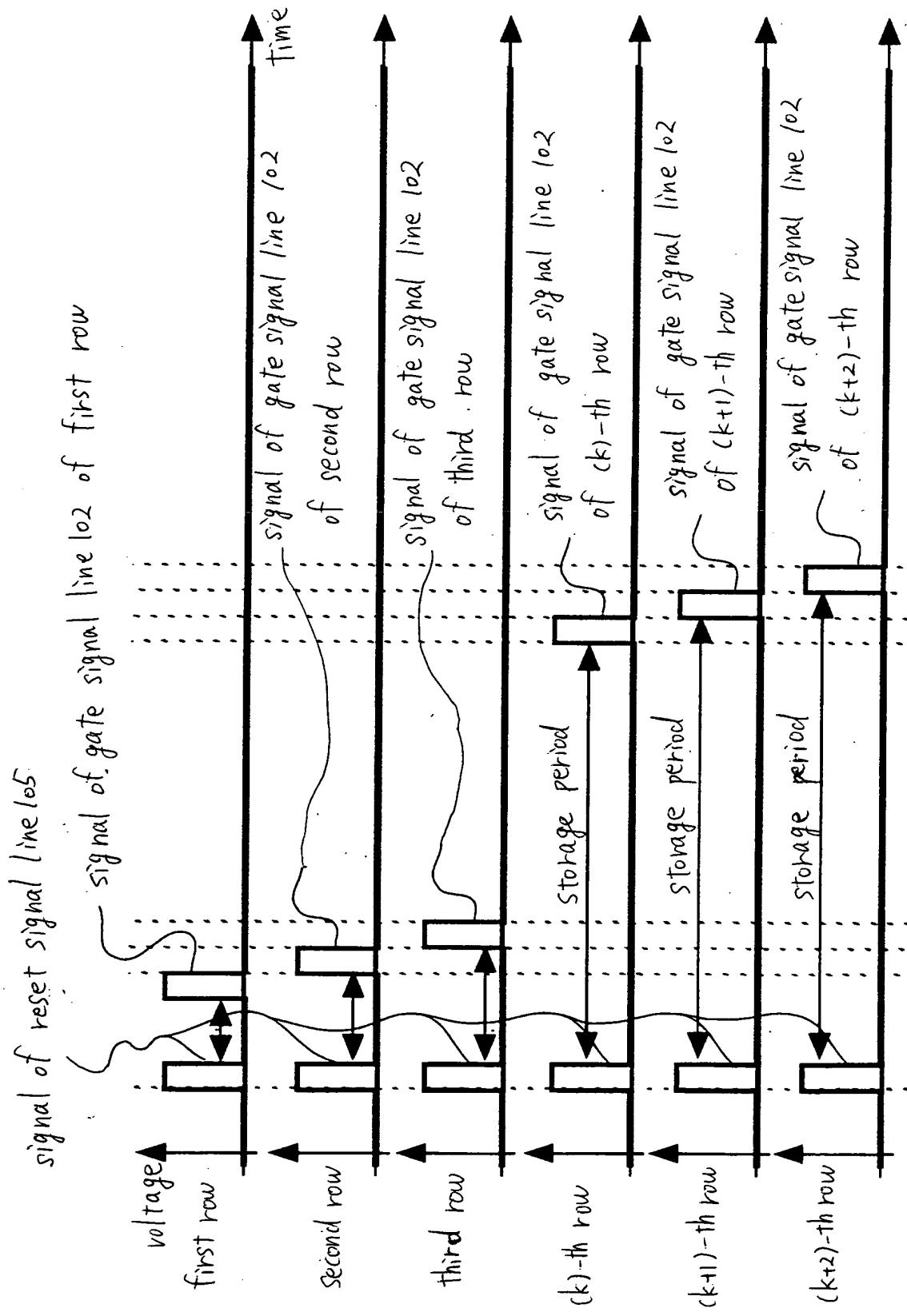


Fig. 2

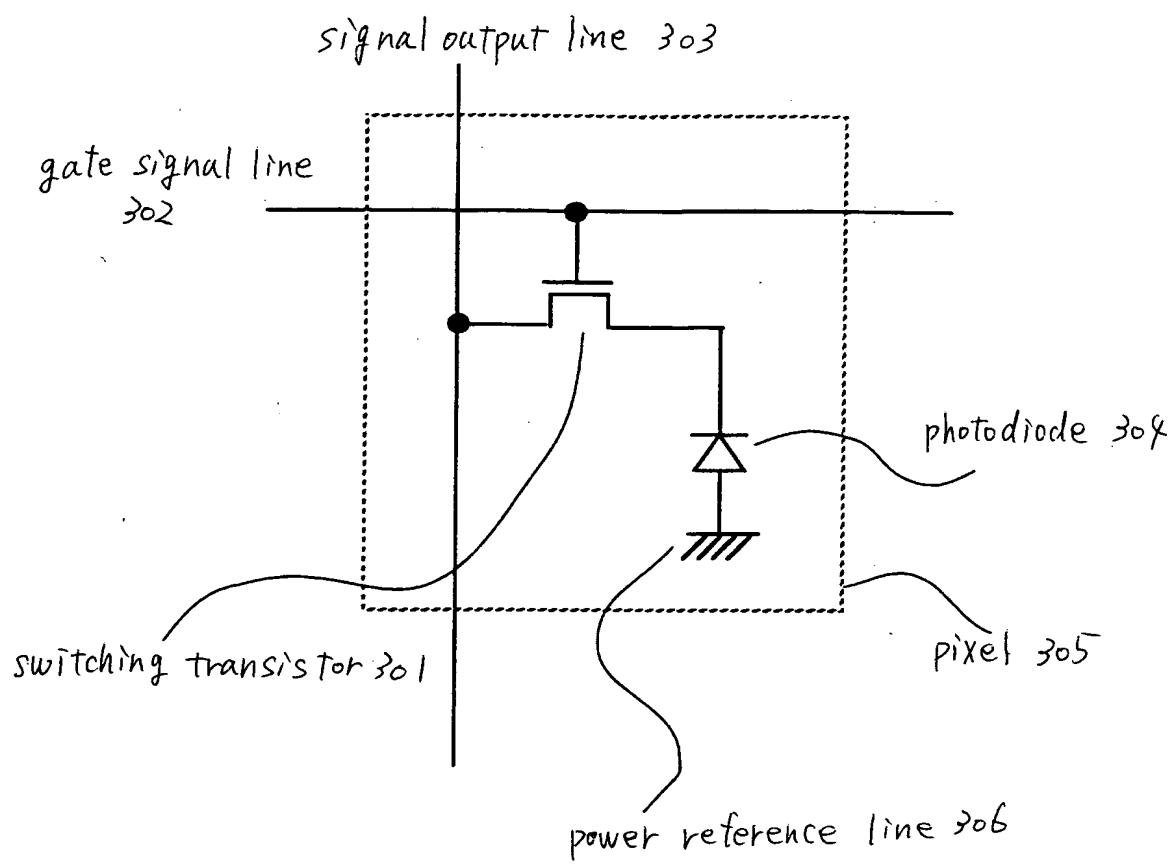


Fig. 3

Prior Art

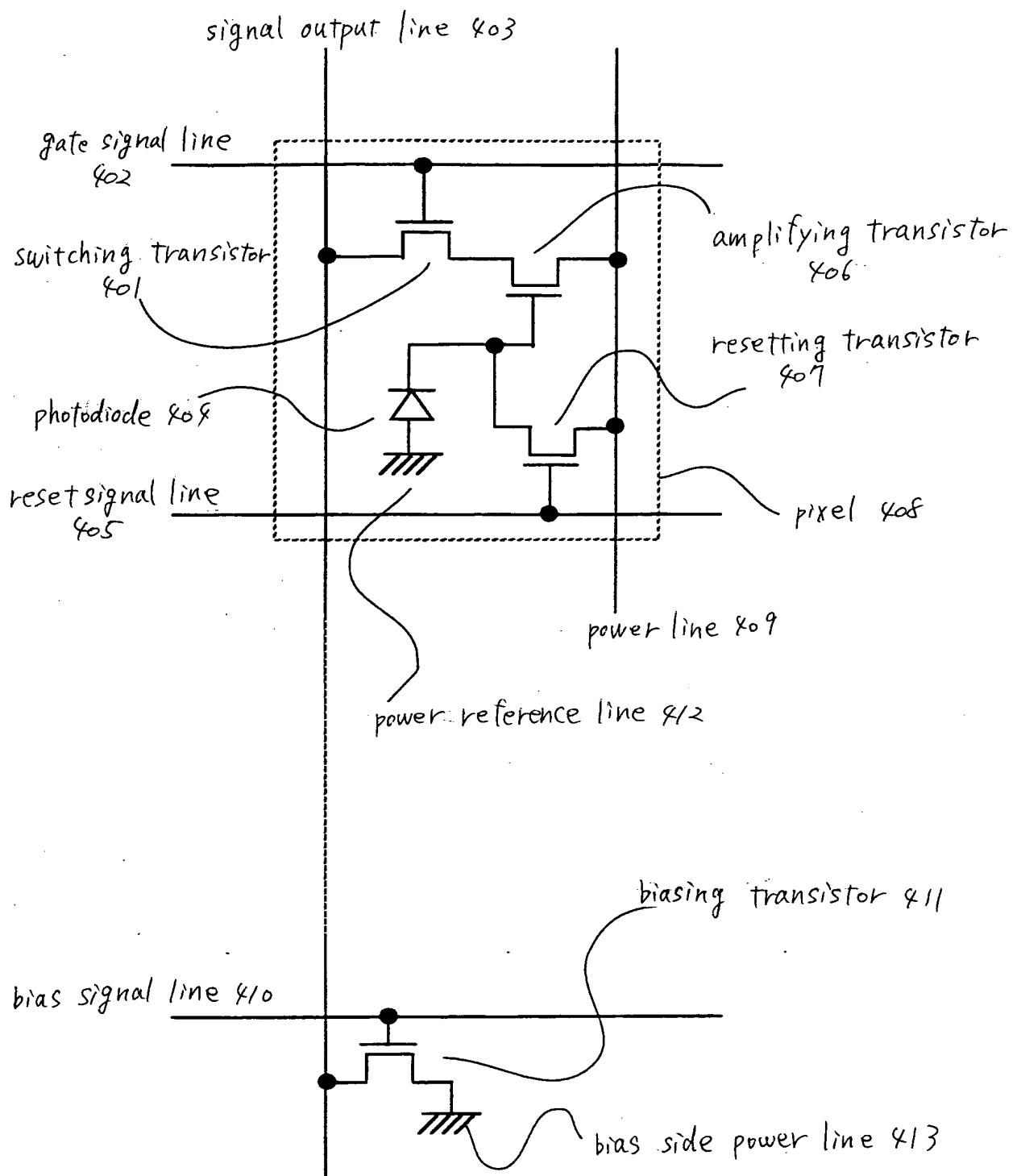


Fig. 4
Prior Art

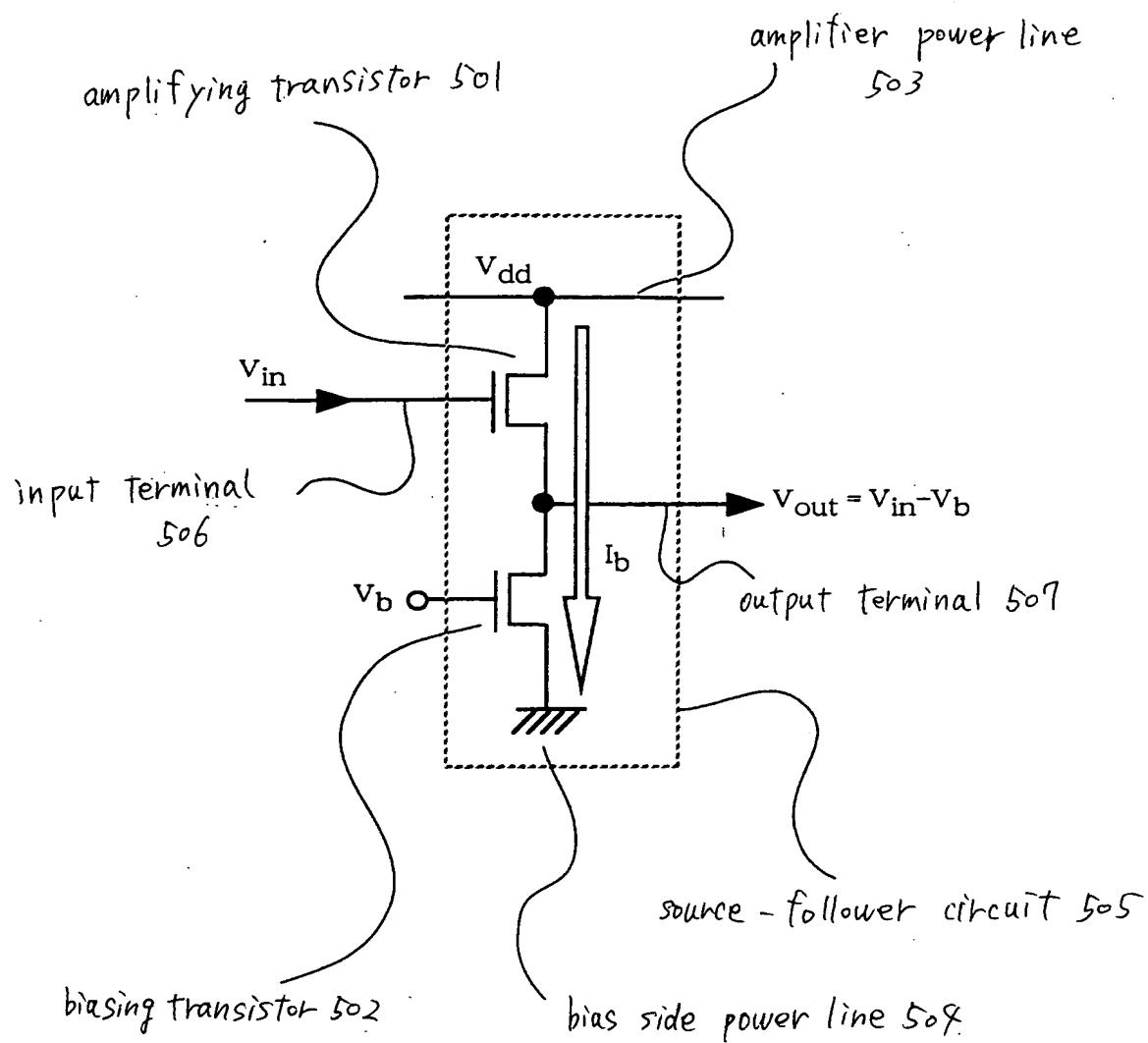


Fig. 5

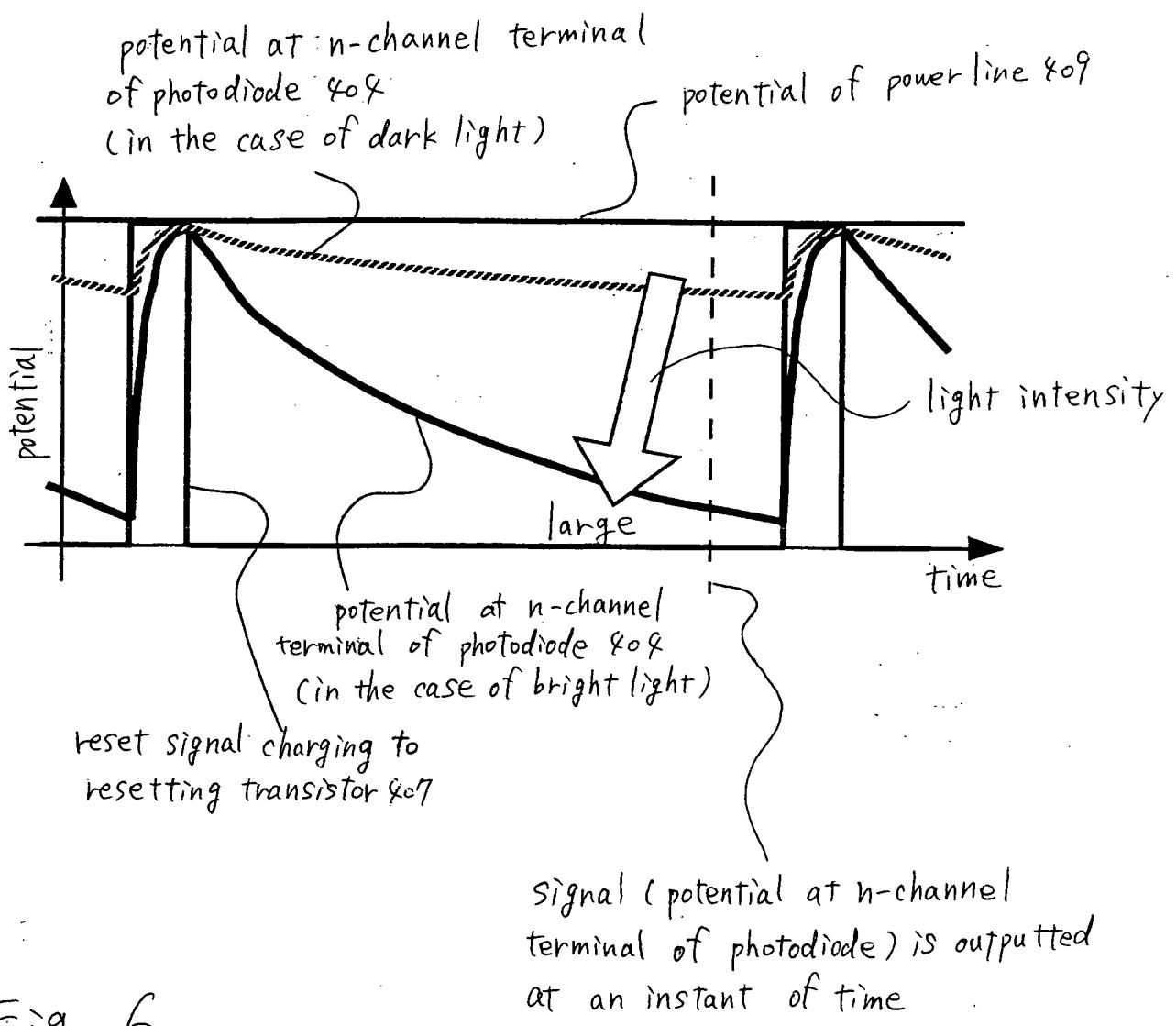


Fig. 6

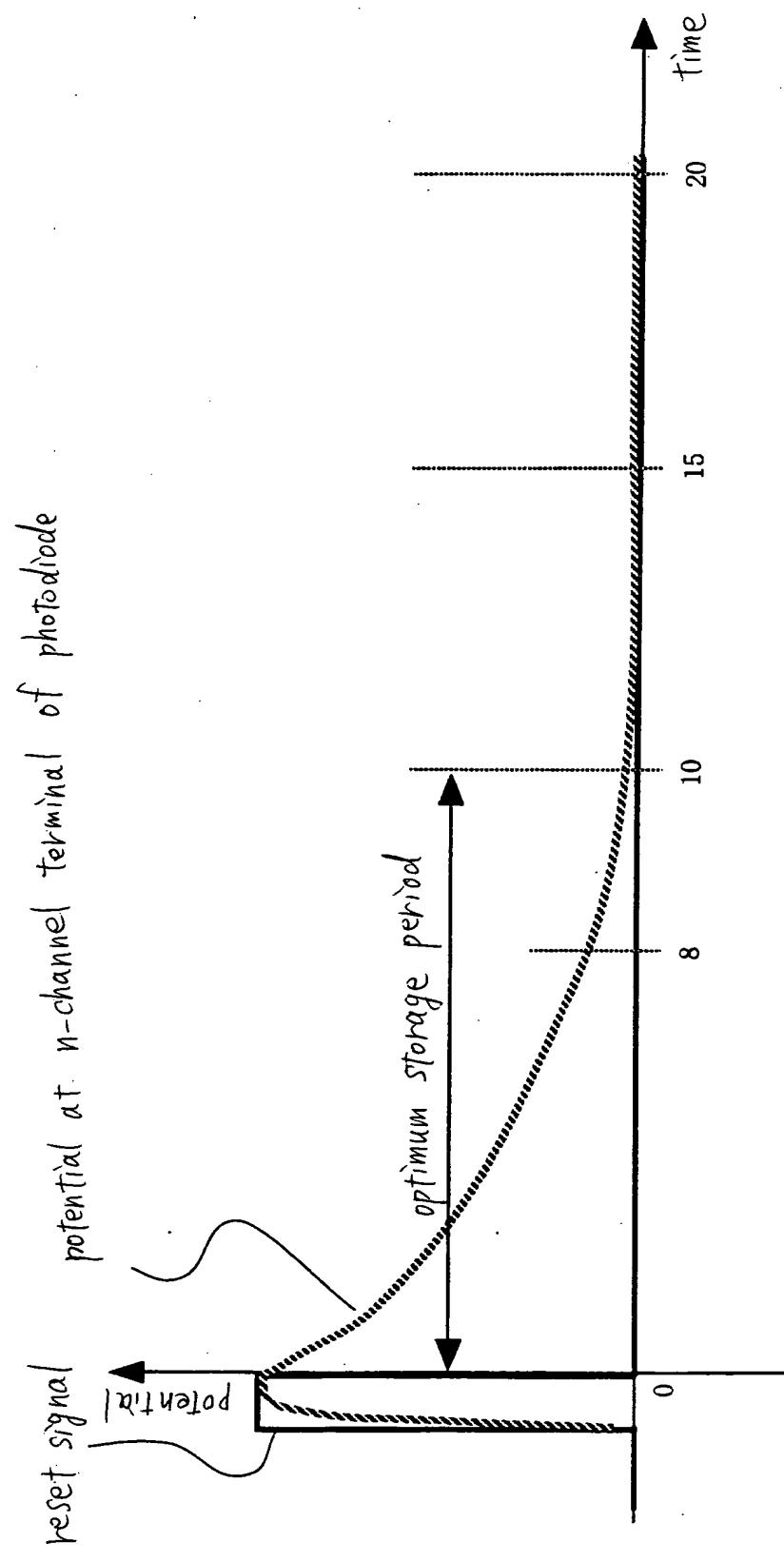


Fig. 7

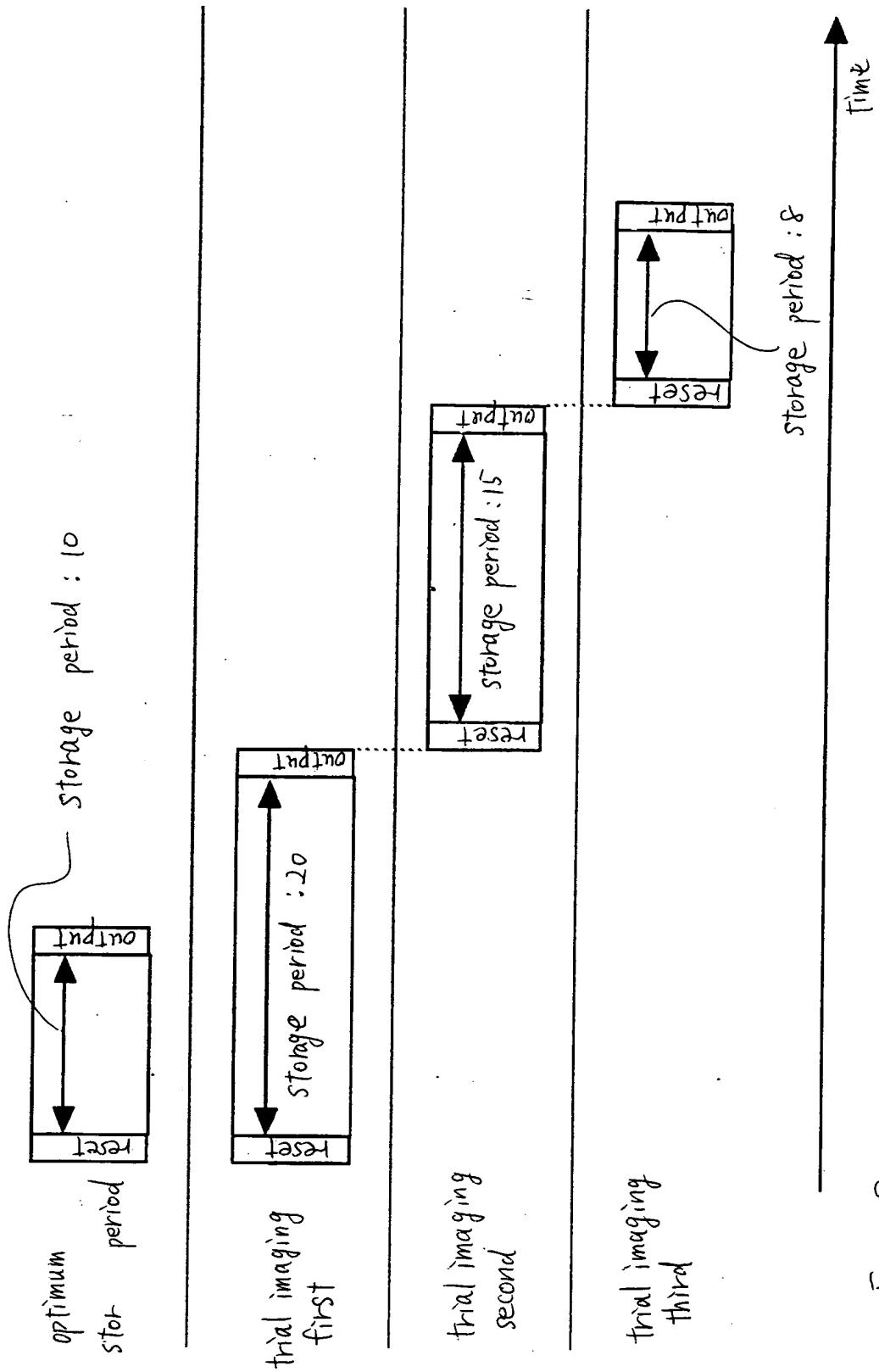
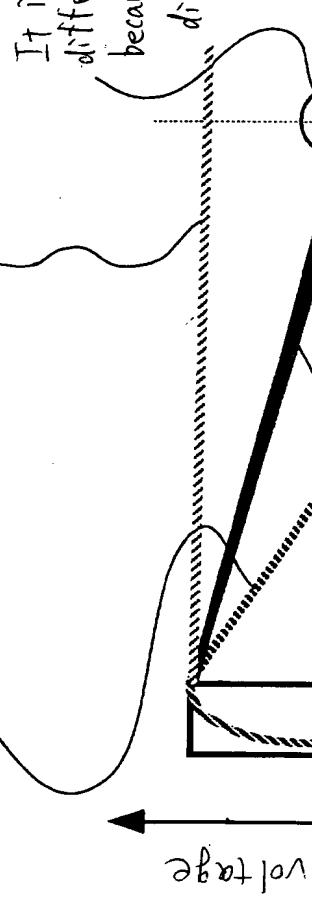


Fig. 8

potential at n-channel terminal
of photodiode 408
(in the case of white document)

potential at n-channel terminal
of photodiode 408
(in the case of black document)



It is hardly to detect the
differences of gradation
because of small signal
differences

reset signal charging
to resetting transistor 407

timing of reading signal

potential at n-channel terminal
of photodiode 408
(in the case of similar brightness)

Fig. 9

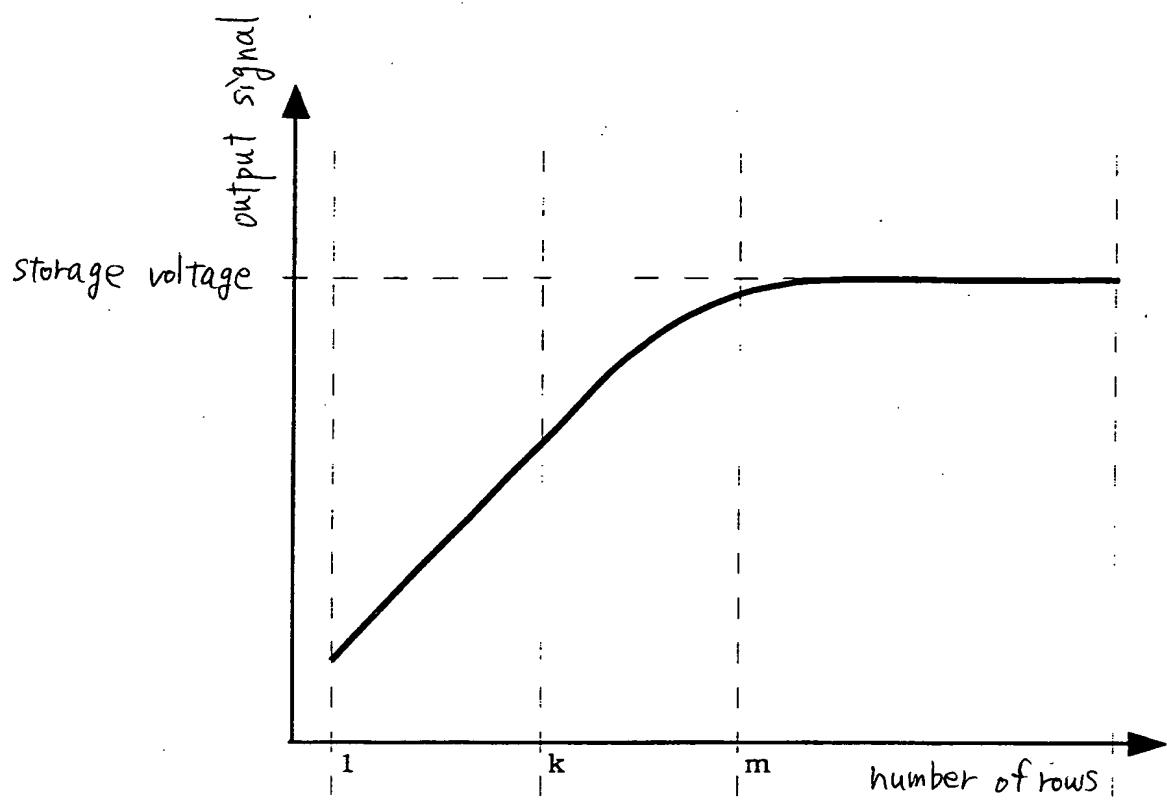


Fig. 10

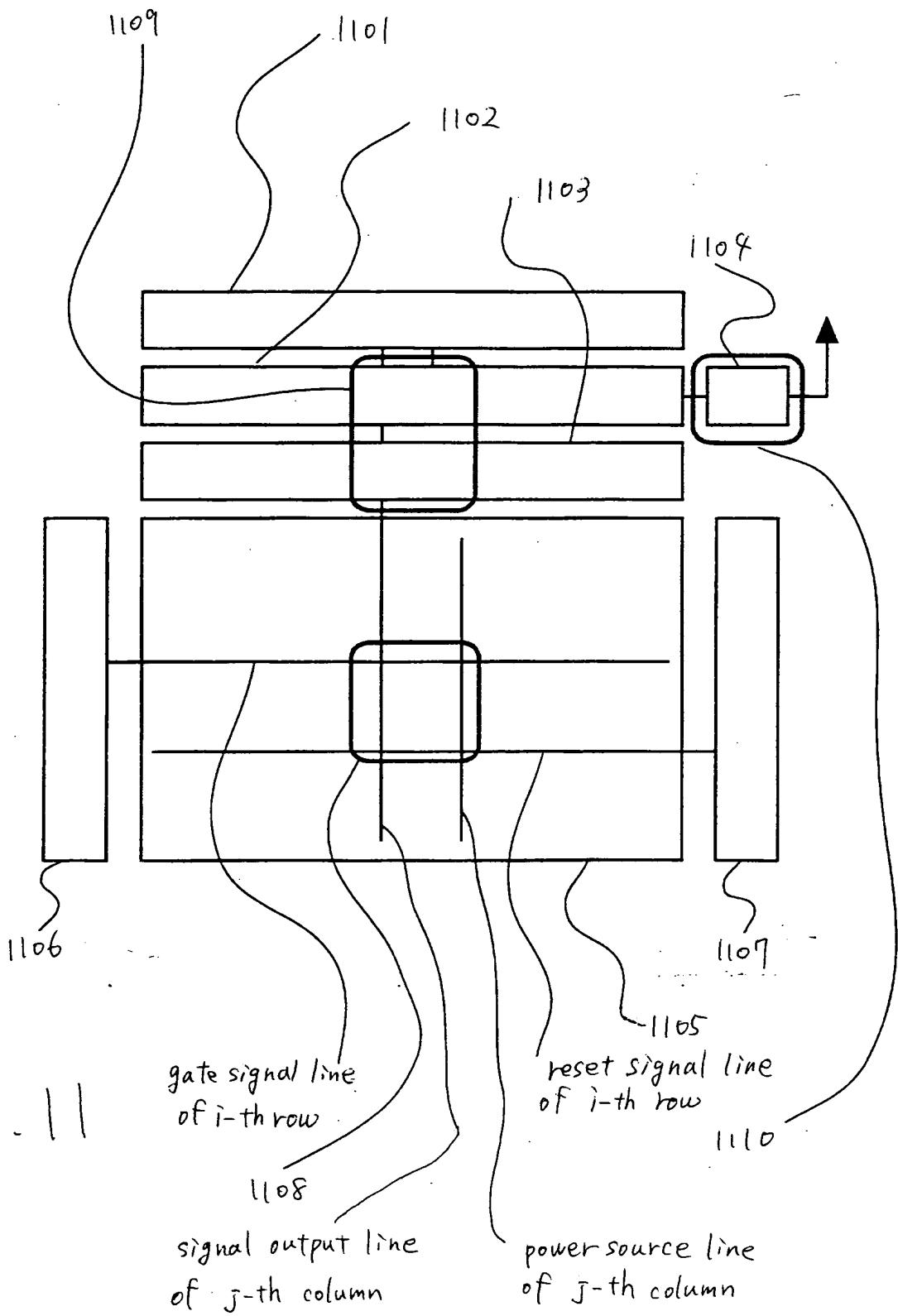


Fig. 11

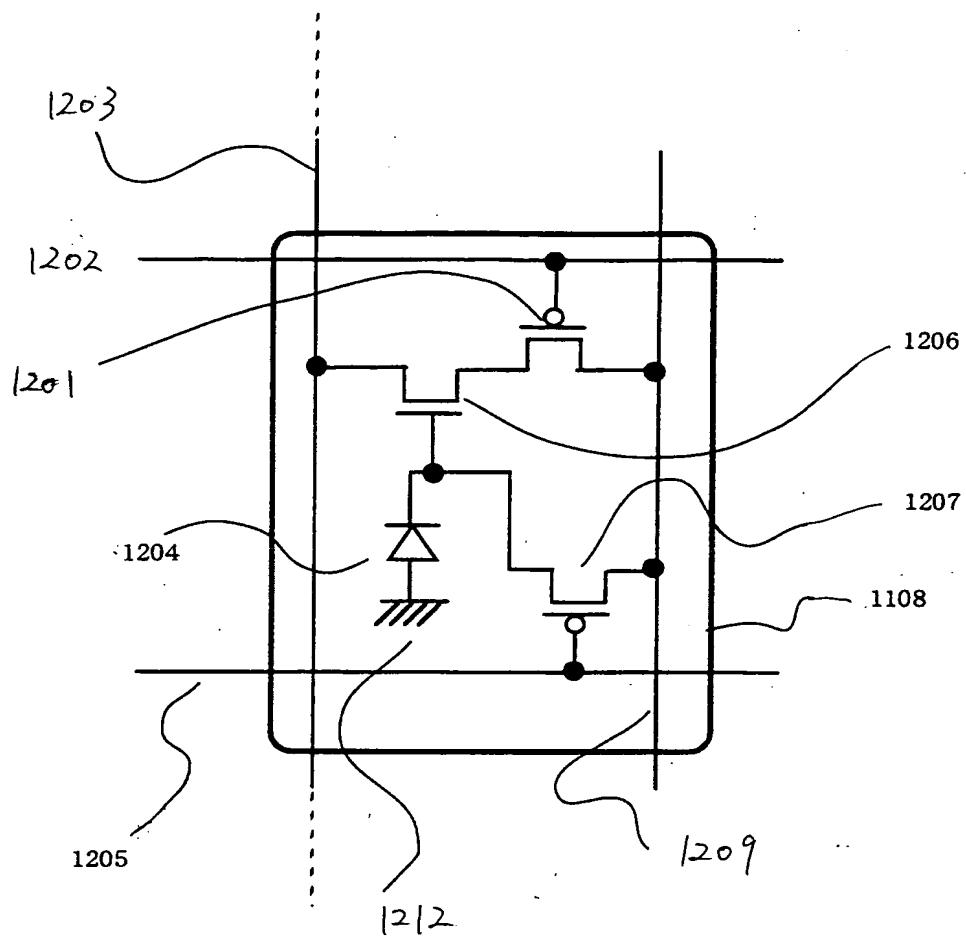


Fig. 12

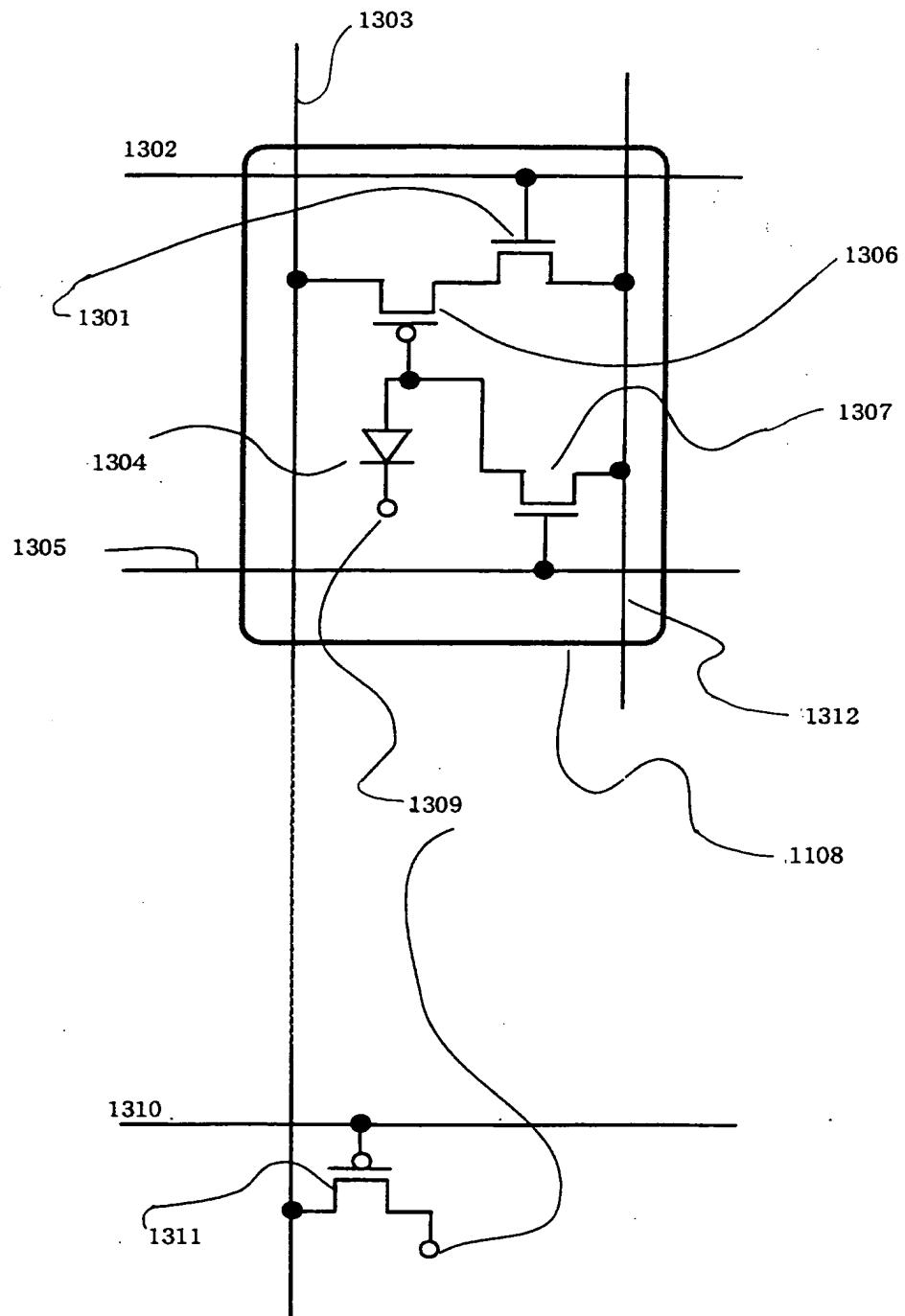


Fig. 13

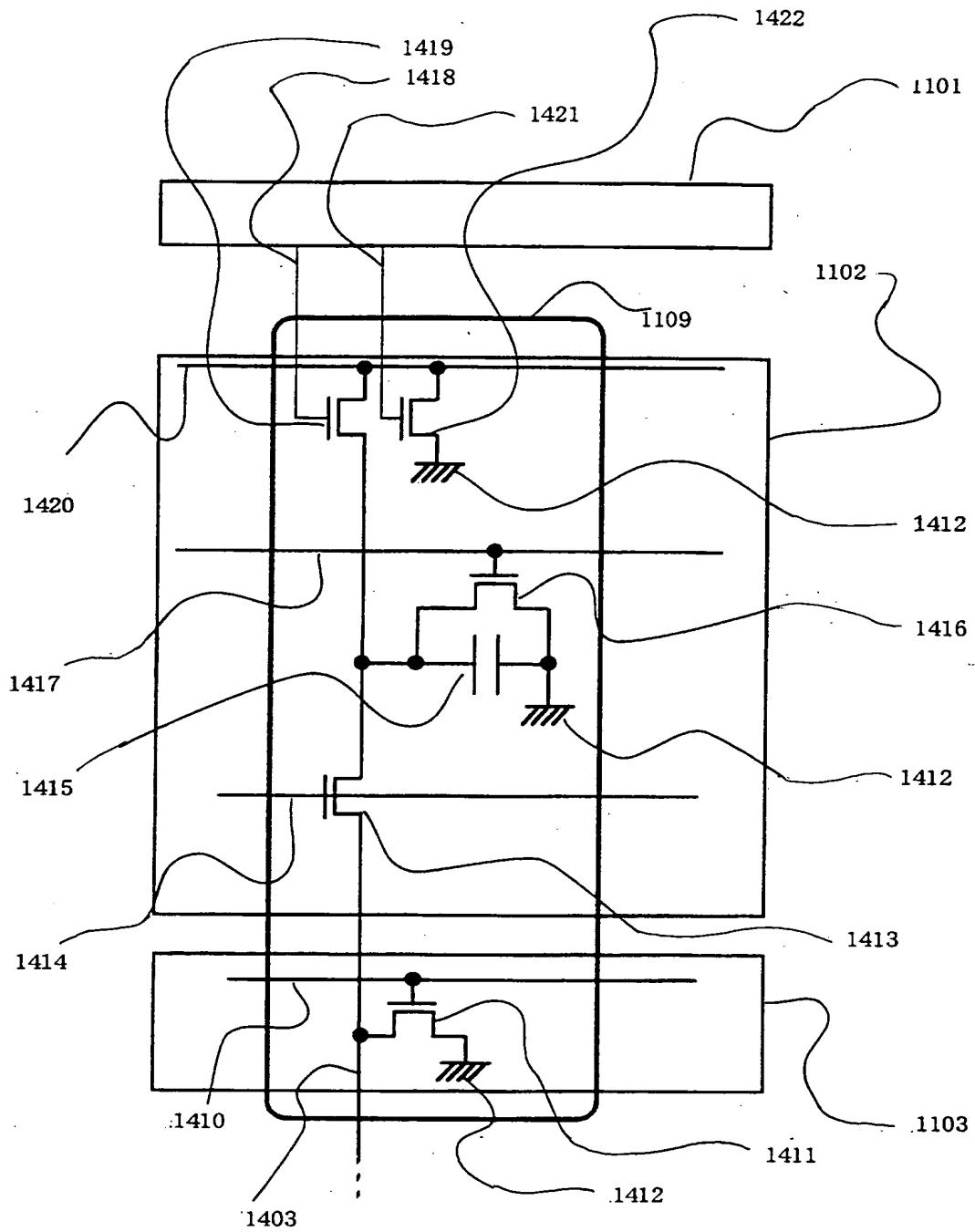
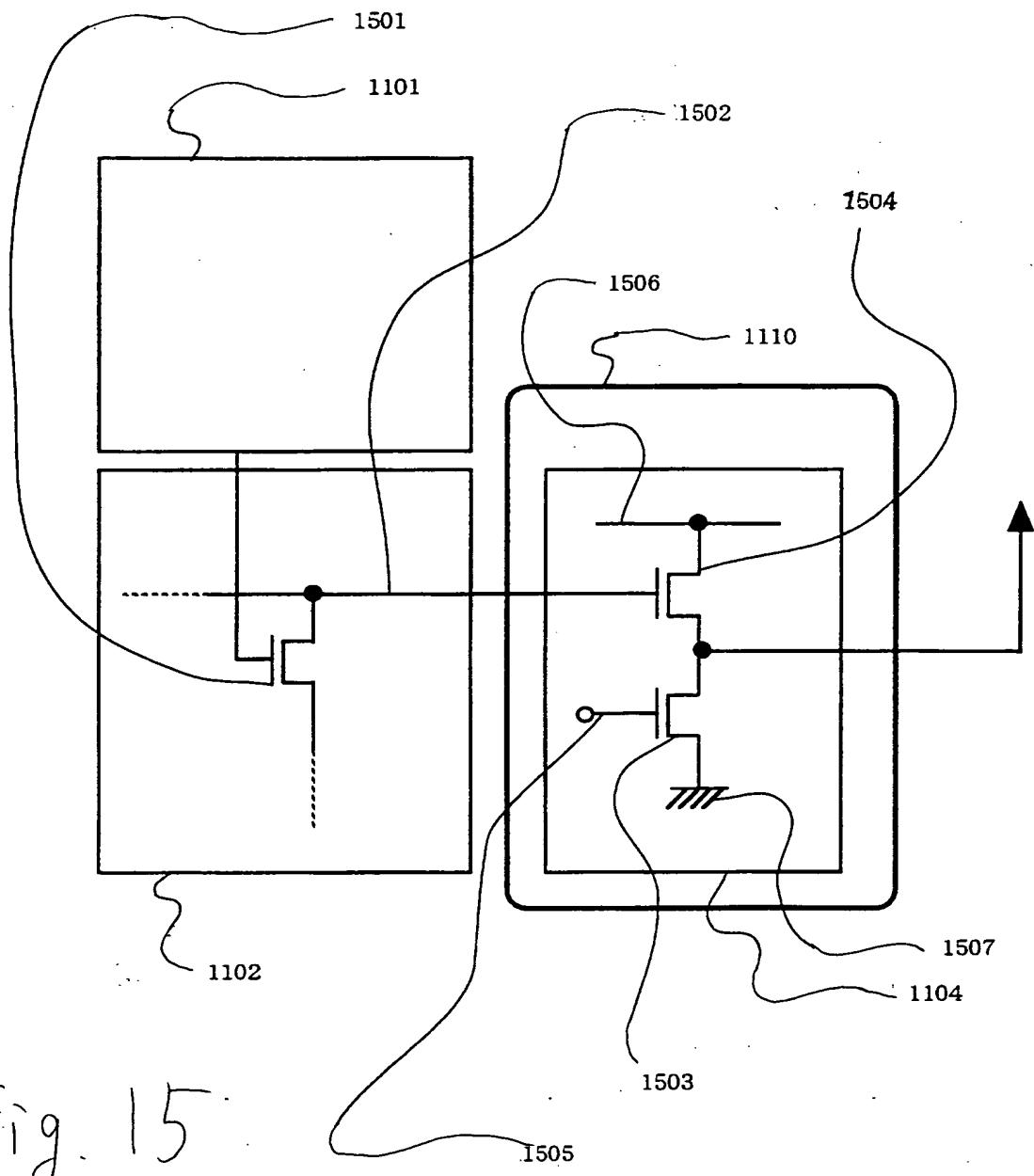


Fig. 14



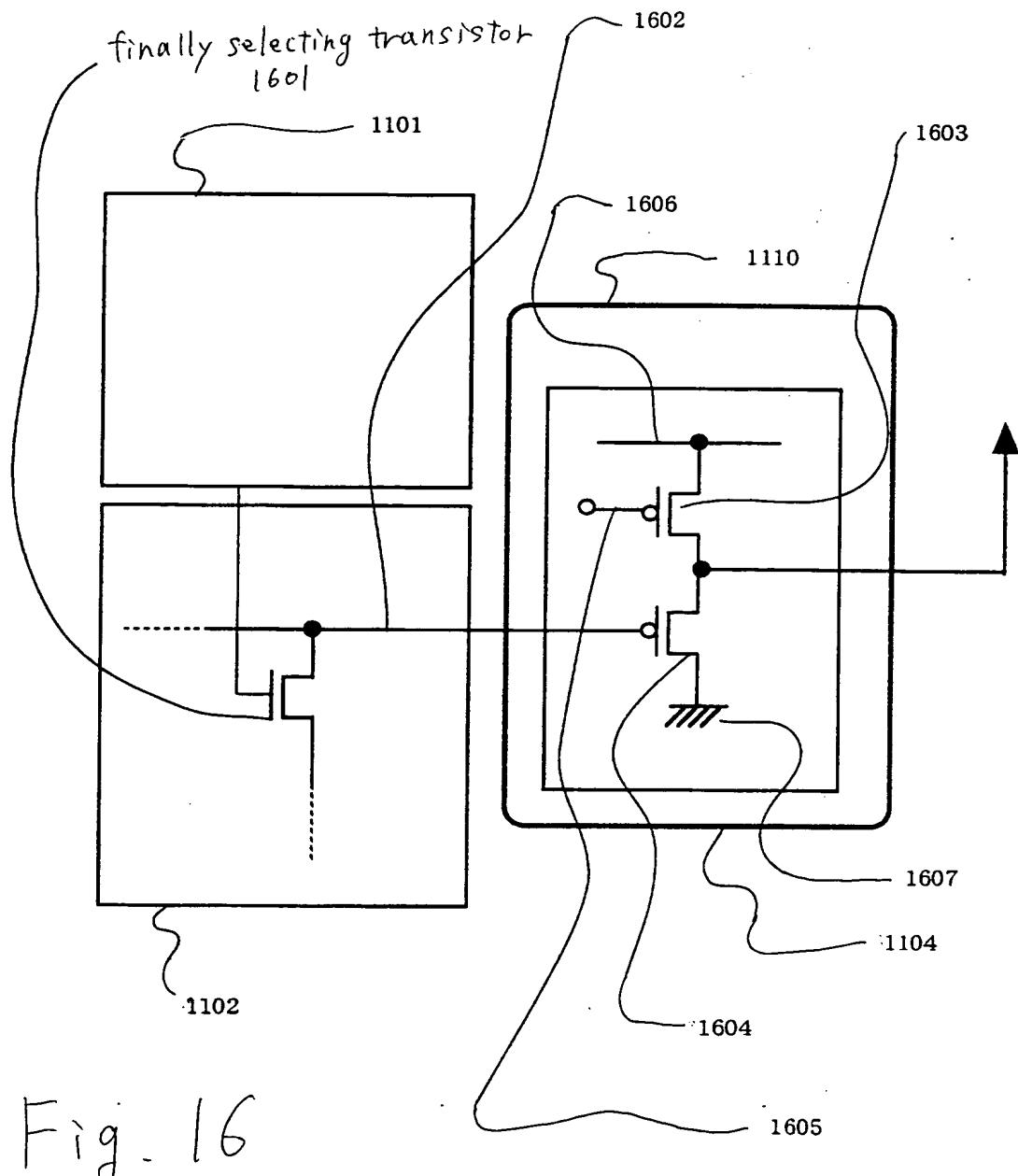


Fig. 16

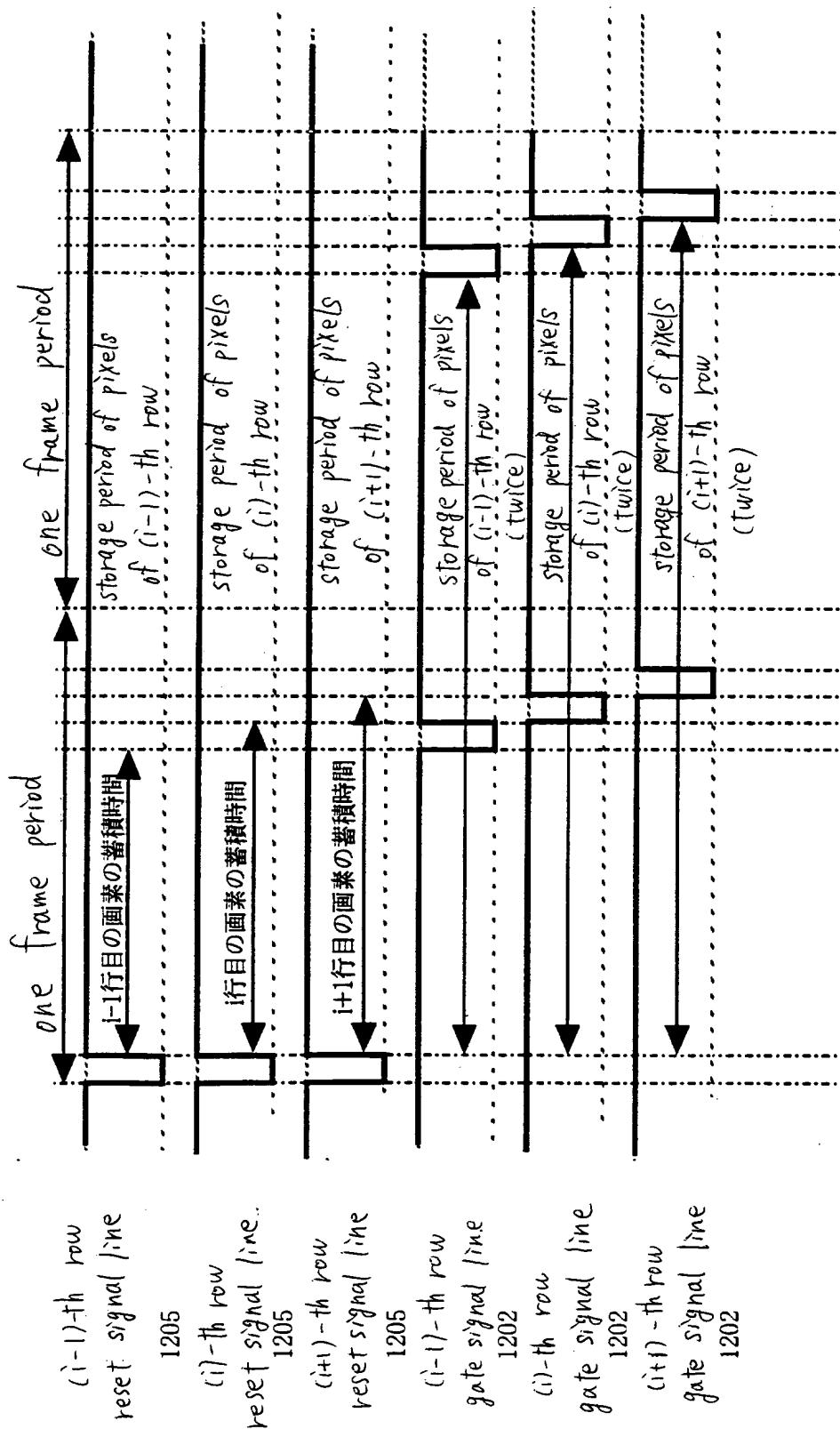
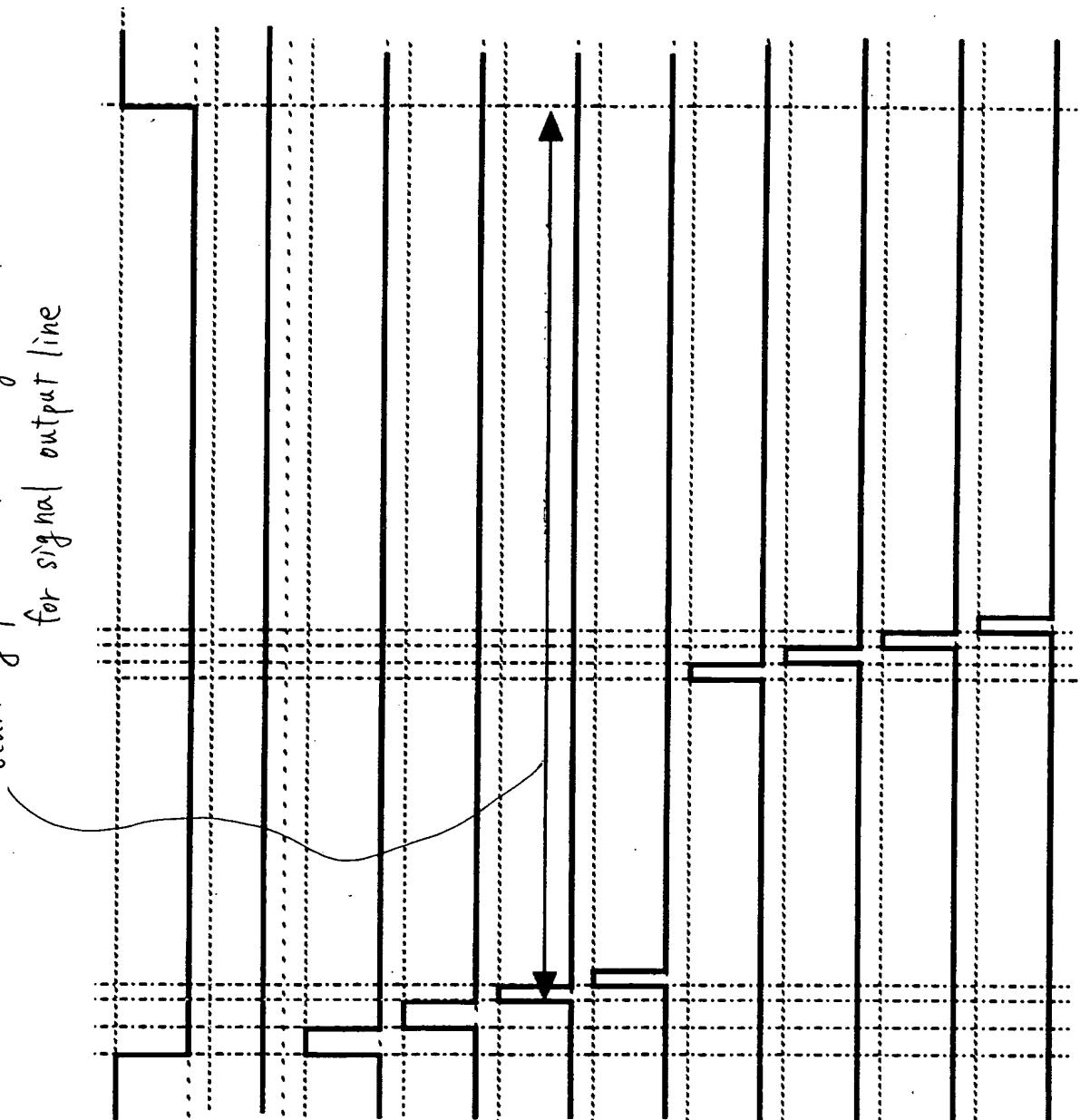


Fig. 17

T 0 2 2 5 5 0 " C 0 2 2 4 9 6 0
 Scanning period of driving circuit
 for signal output line



(i)-th row
 gate signal line
 1202

bias signal line
 1410

pre-discharge
 signal line 1817
 1410

transfer signal
 line 1814
 1410

first column
 final reset line 1421

first
 column
 final selection line
 1418

(j)-th column
 final reset line 1421
 1418

(j)-th column
 final selection line 1418
 1418

(j+1)-th column
 final selection line
 1418

Fig. 18

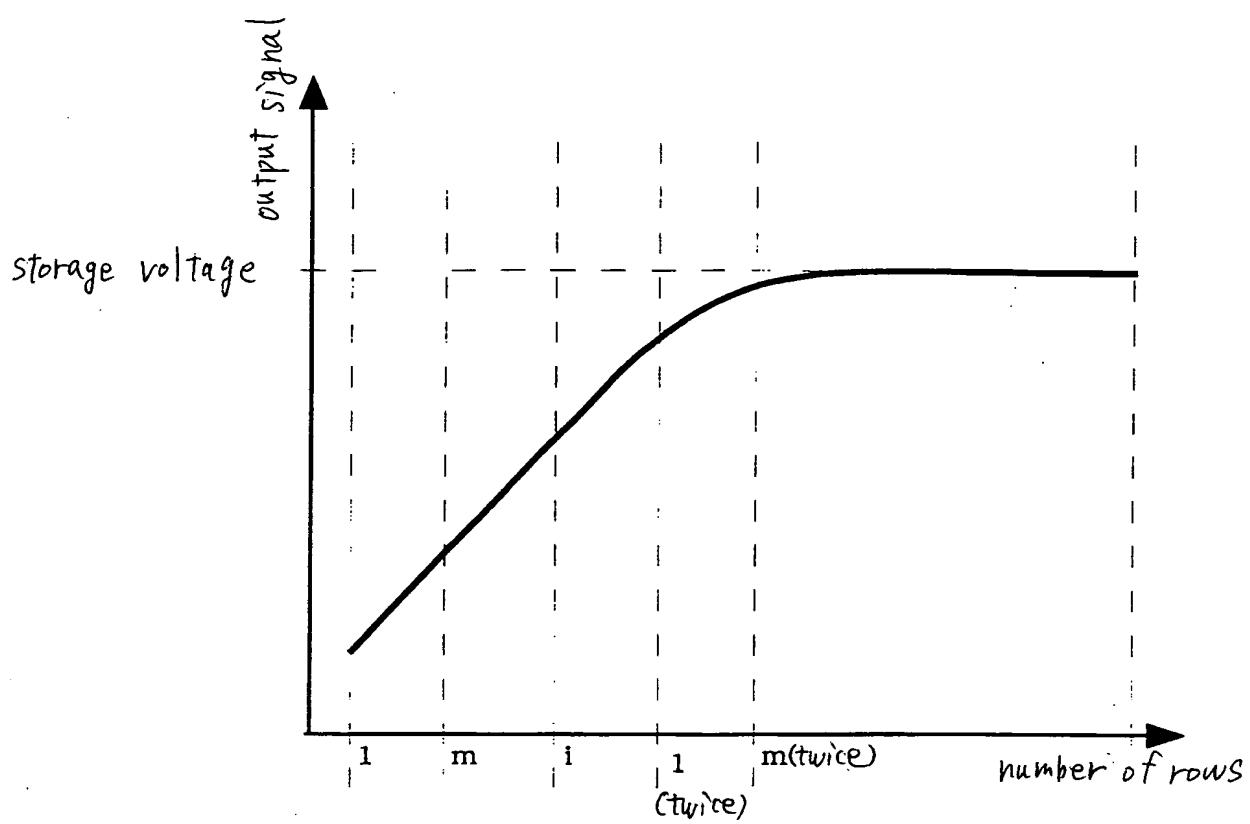


Fig. 19

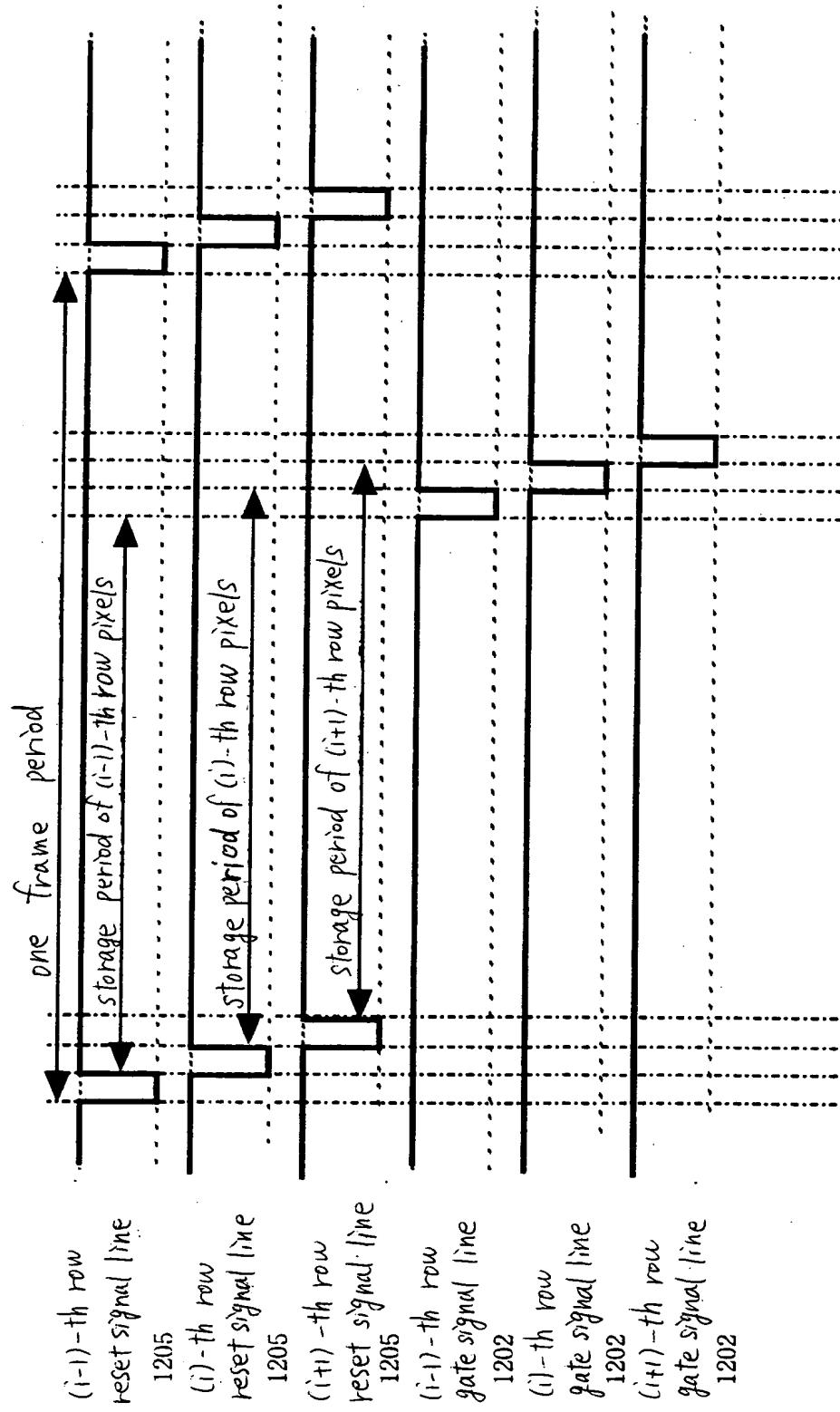


Fig. 20

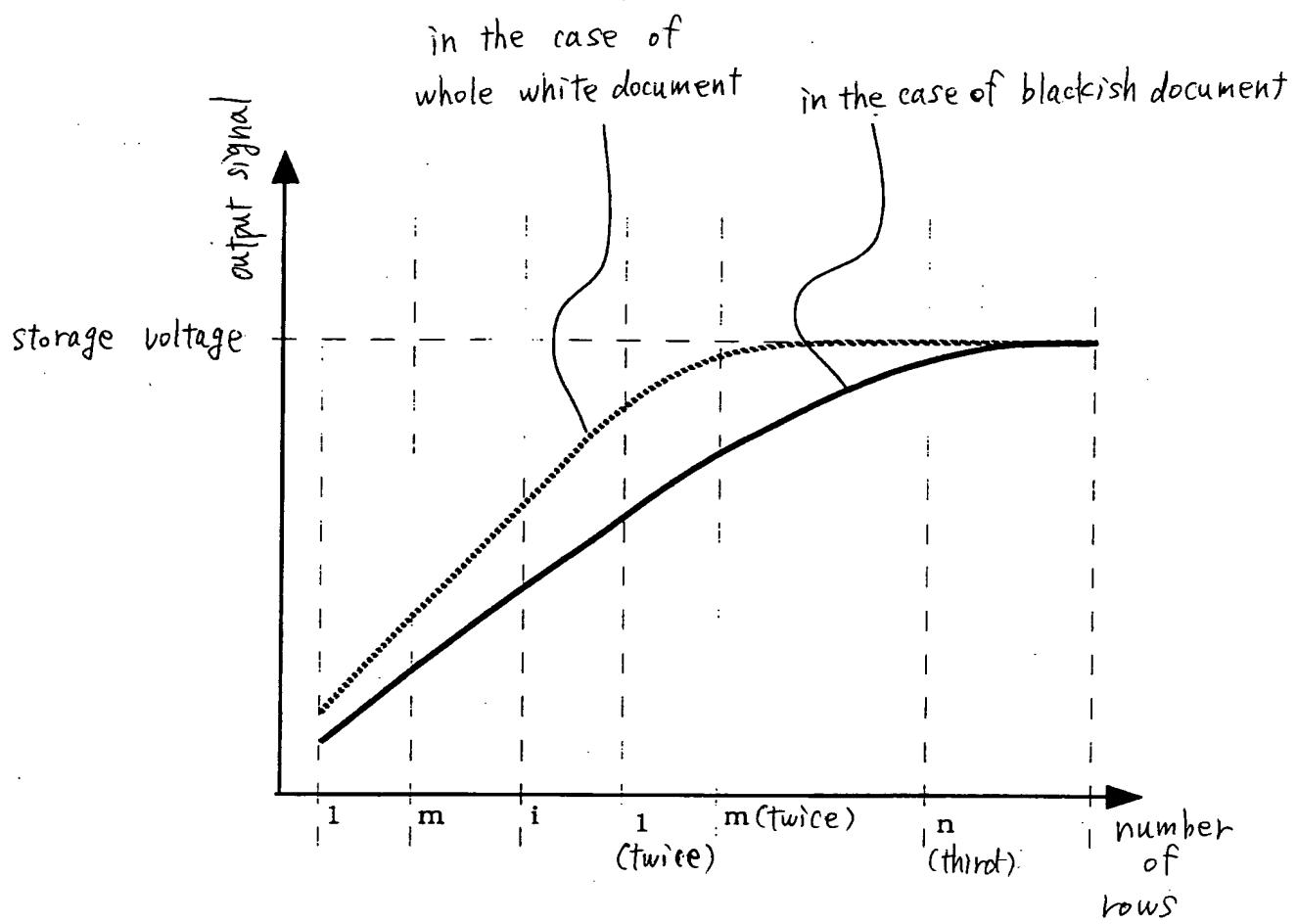


Fig. 21

00000000000000000000000000000000

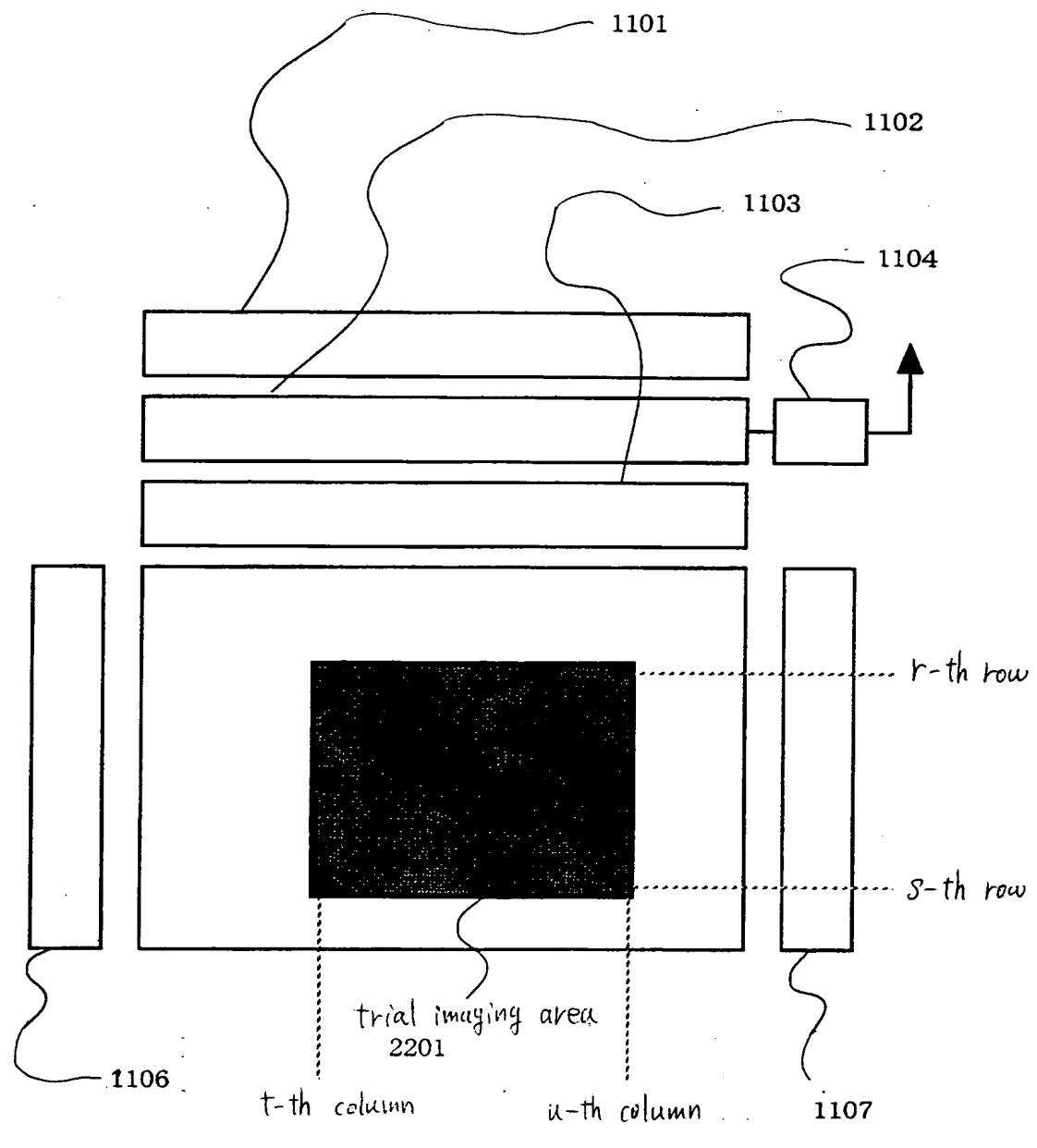


Fig. 22

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Fig. 23A

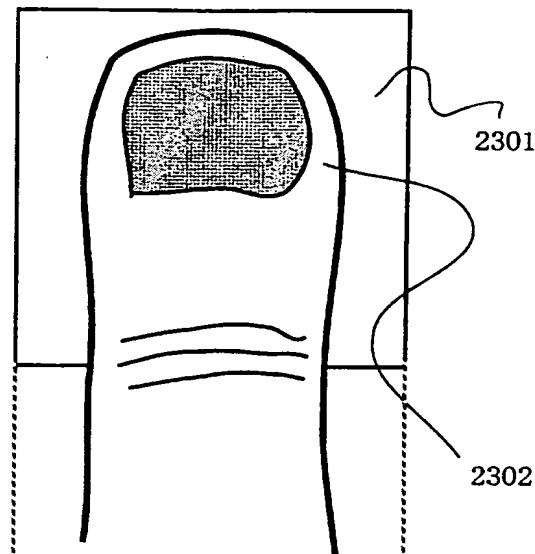
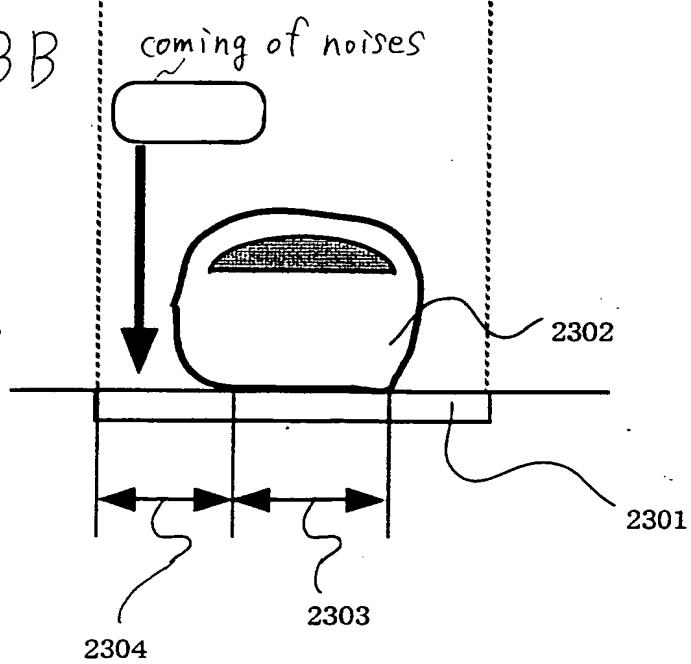


Fig. 23B



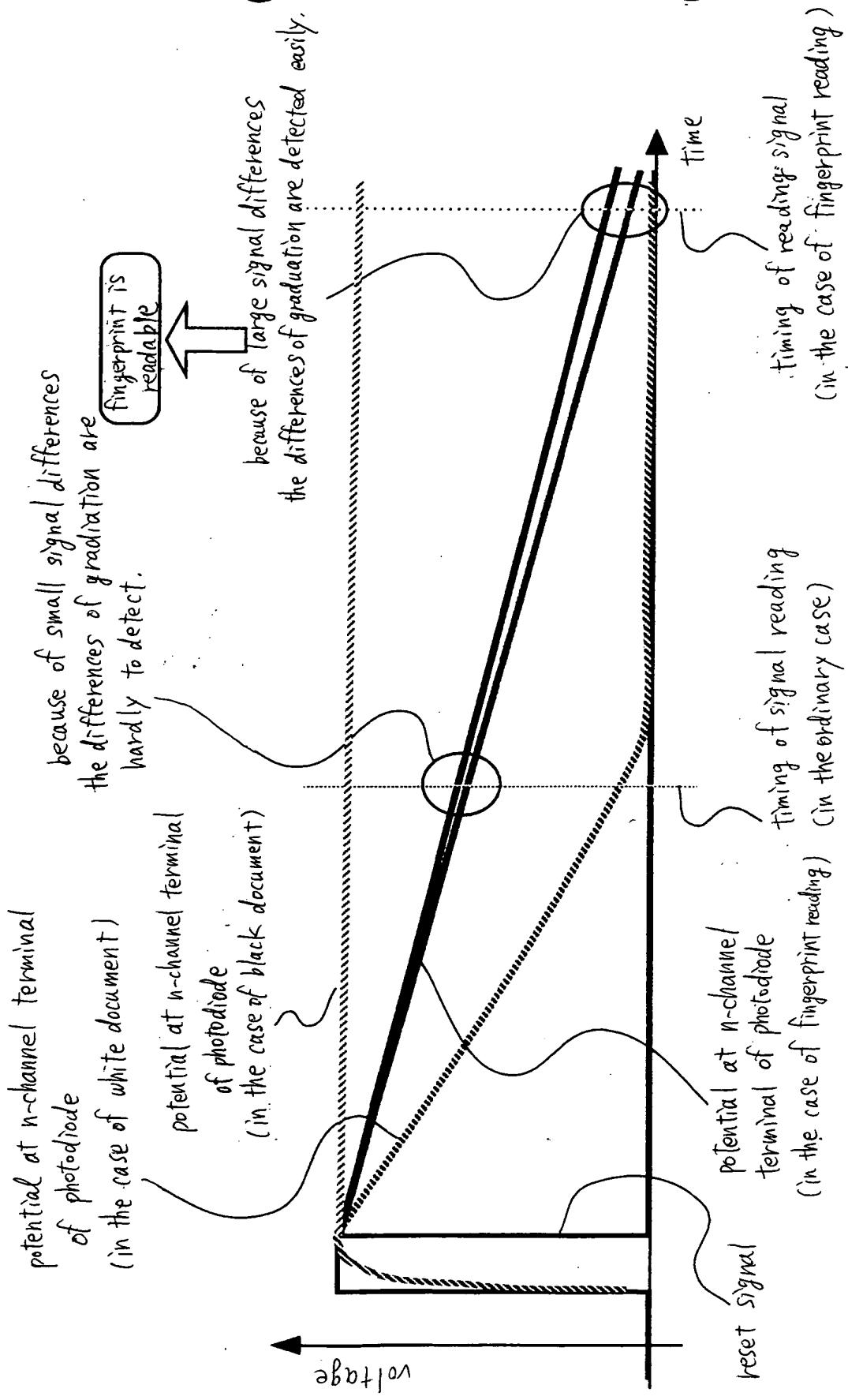


Fig. 24

PROCESO 08249960

process of crystallization

Fig. 25 A

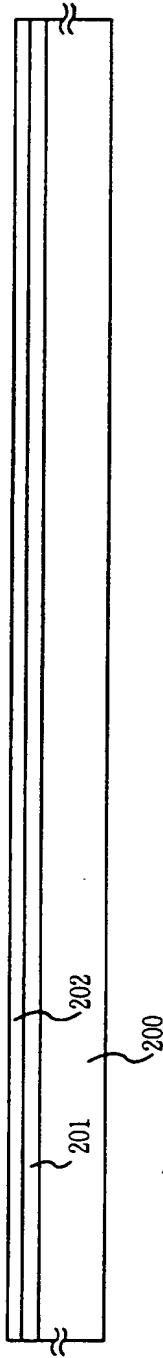
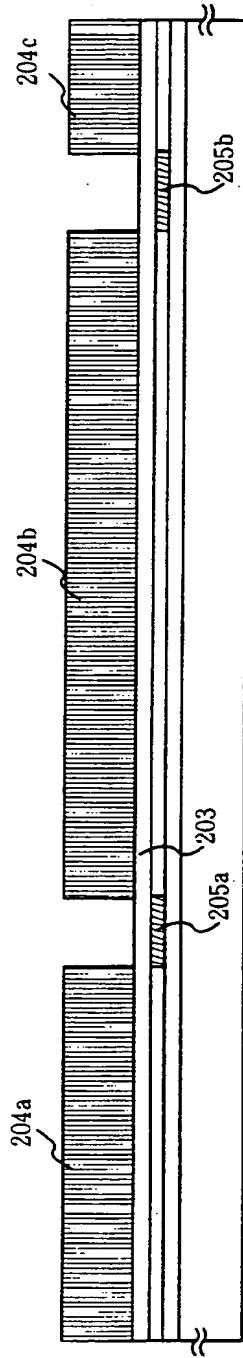


Fig. 25 B



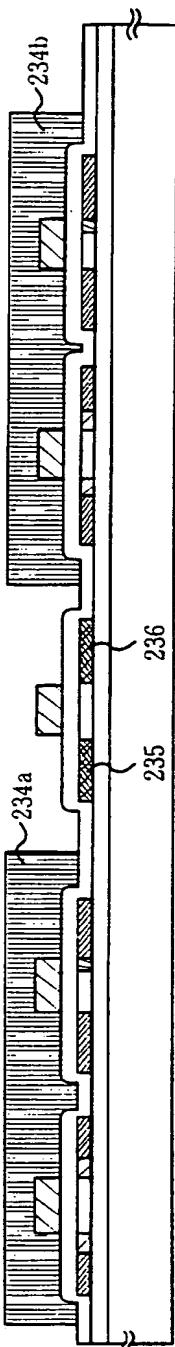
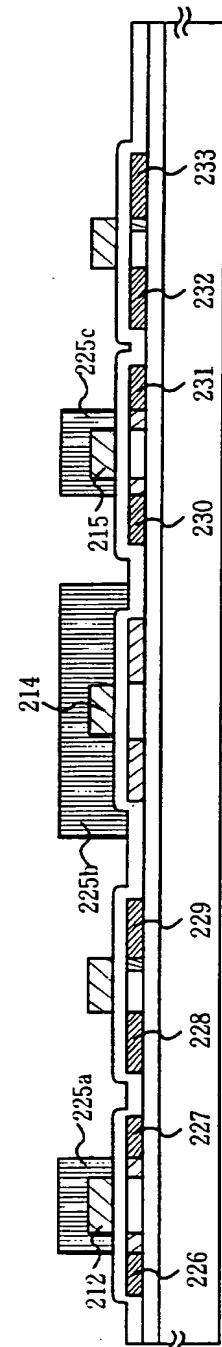
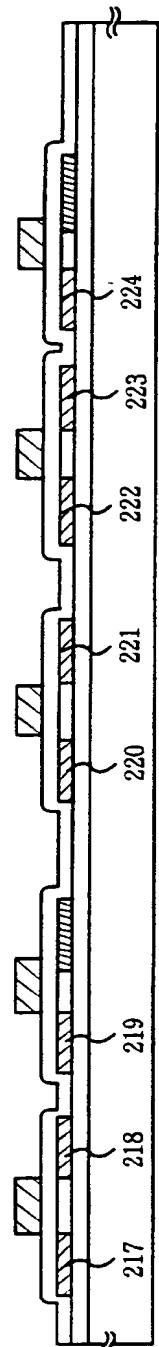
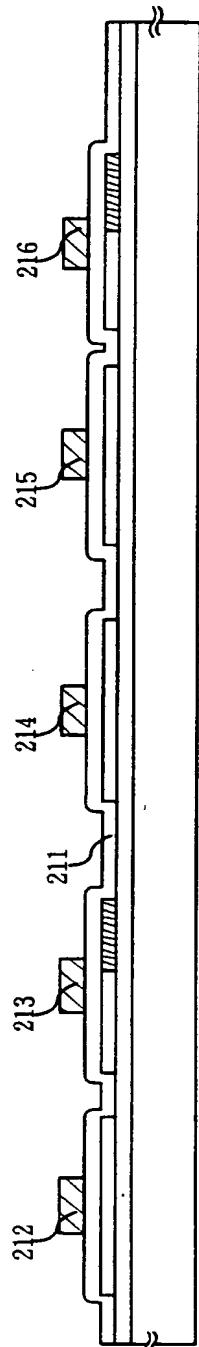
process of laser anneal

Fig. 25 C

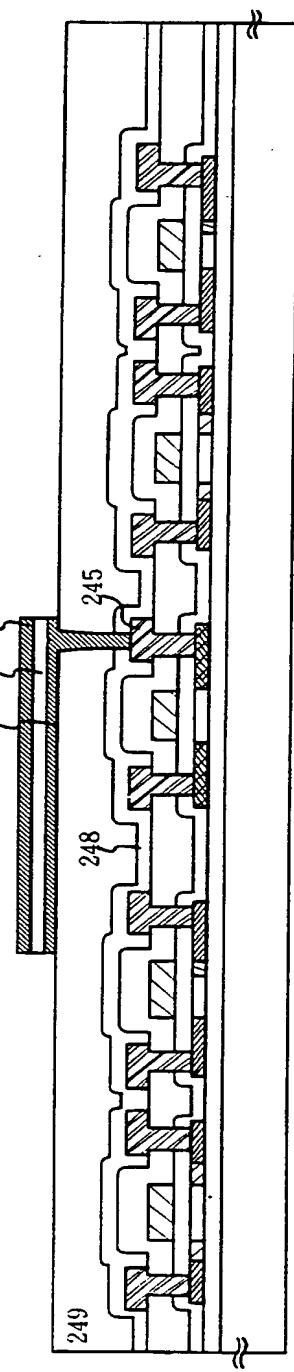
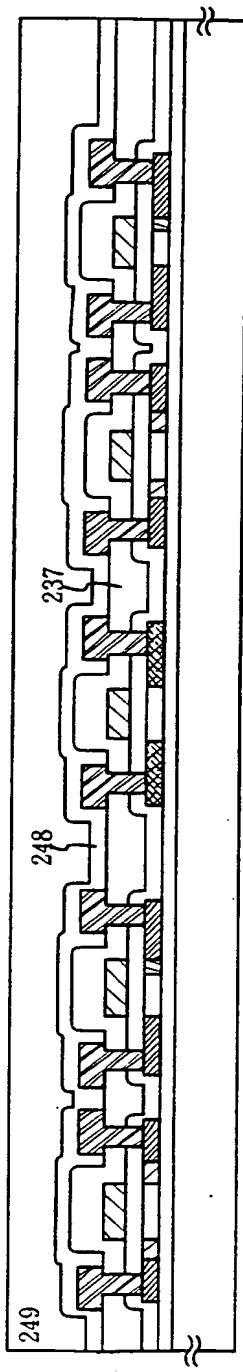
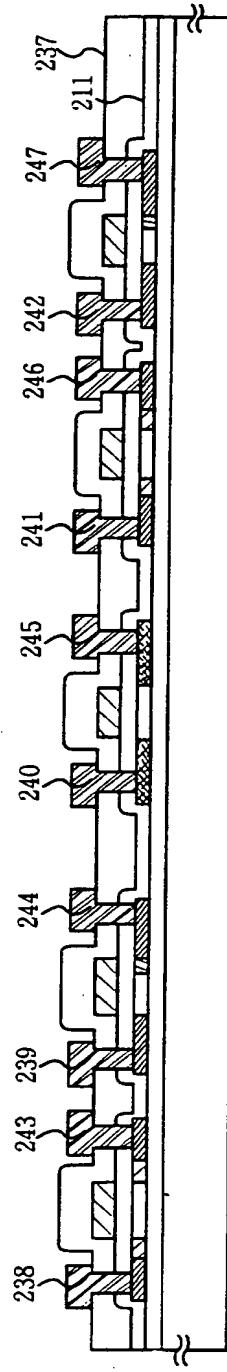


Fig. 25 D





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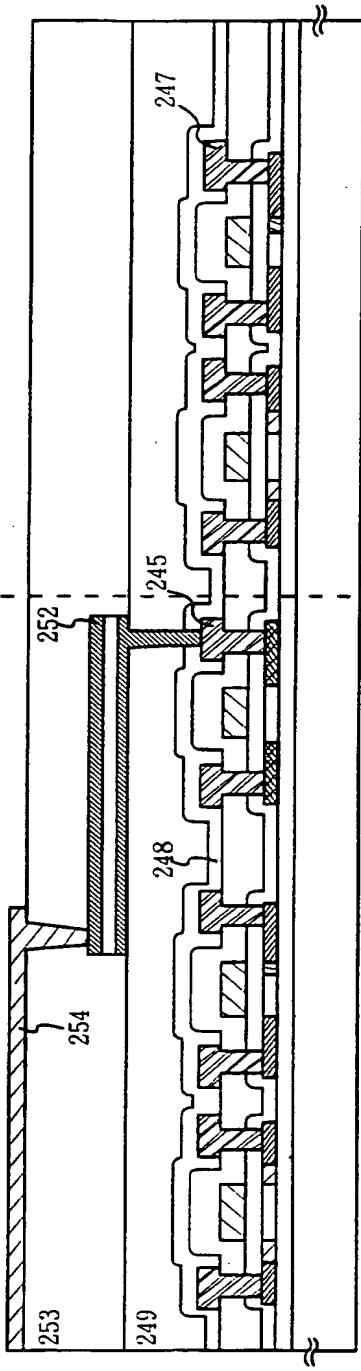


Fig. 28A

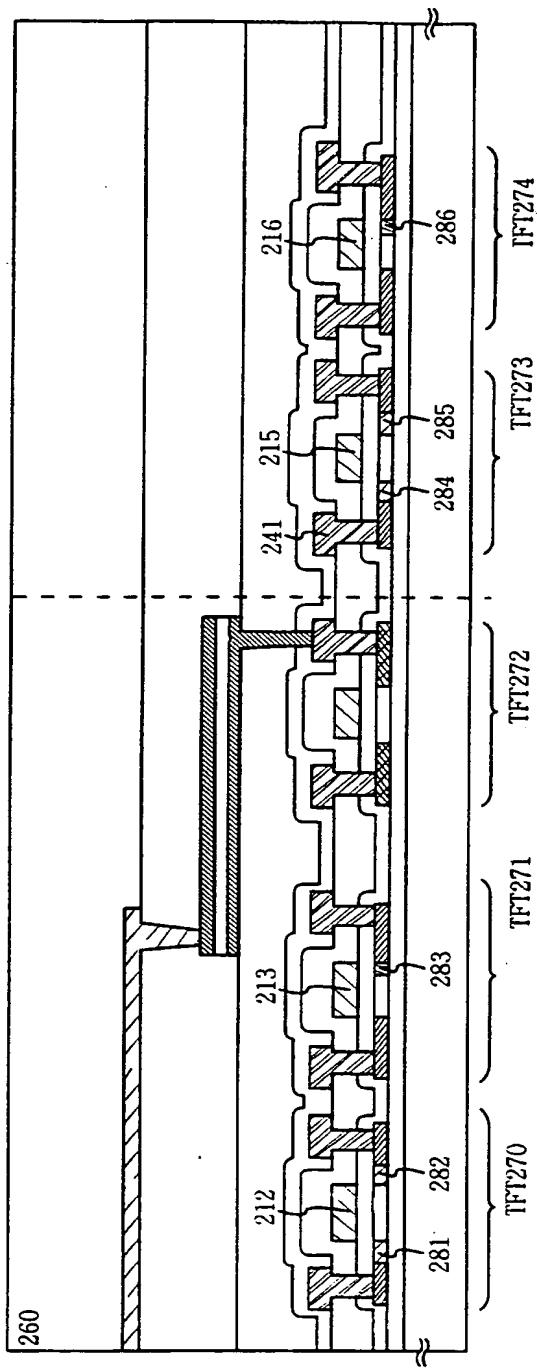


Fig. 28B

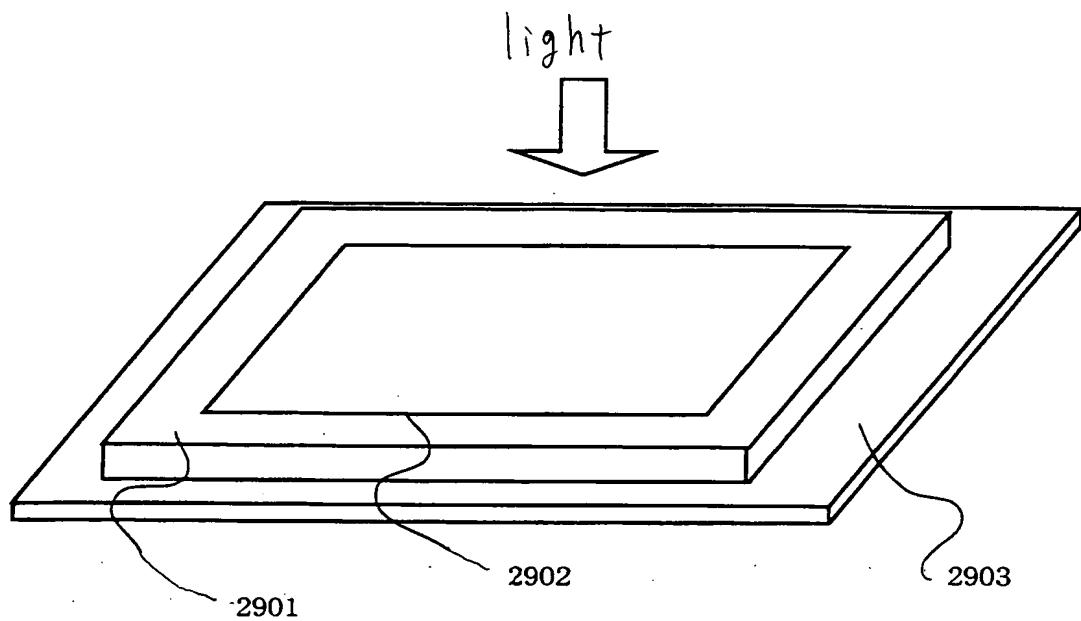


Fig. 29 A

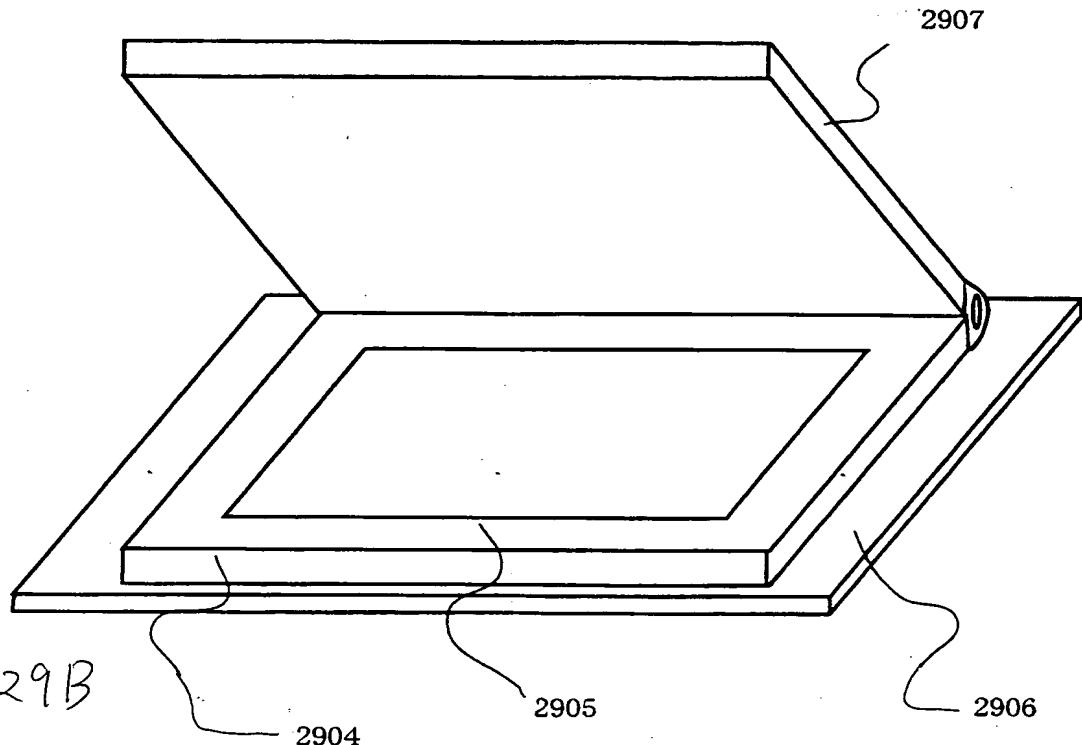


Fig. 29B

09936260-0993601

Fig. 30A

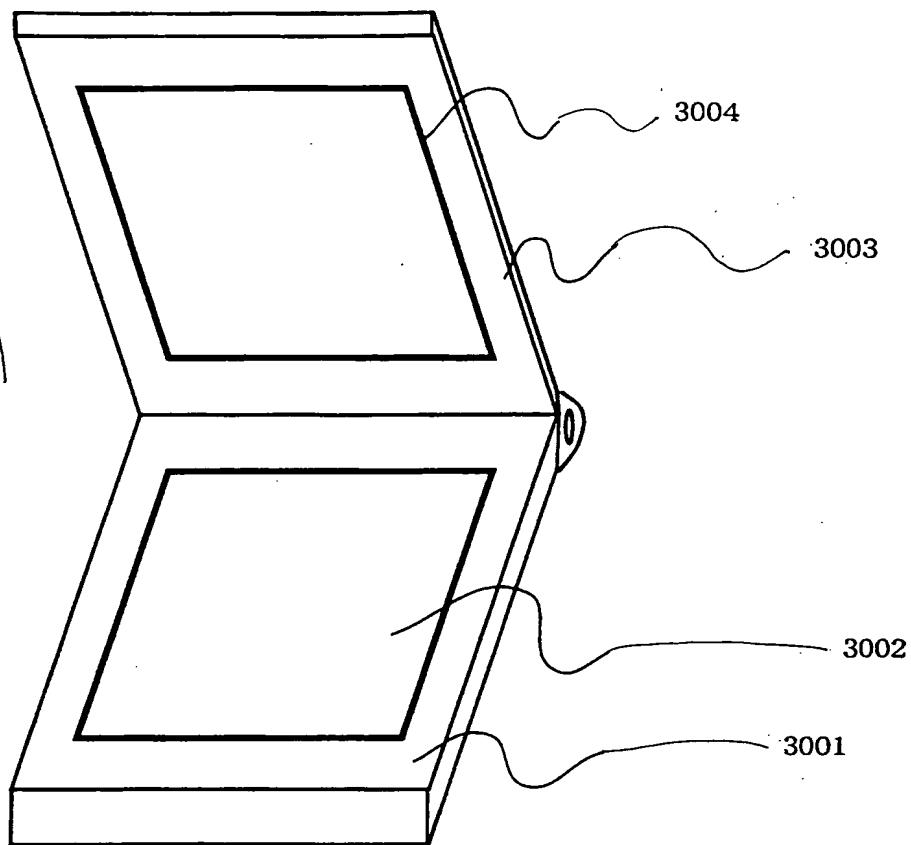
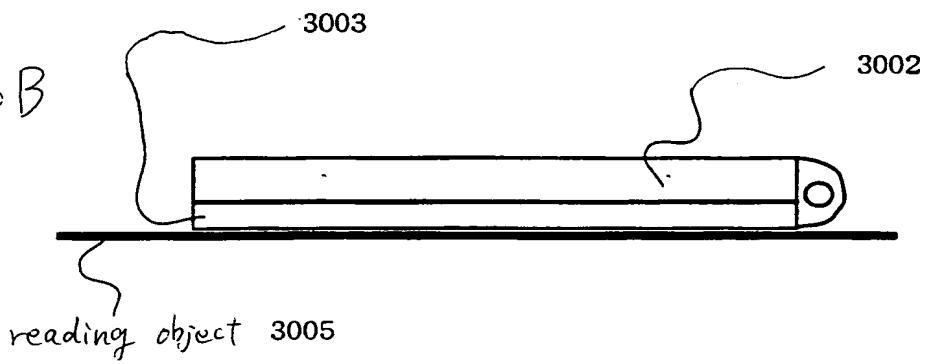


Fig. 30B



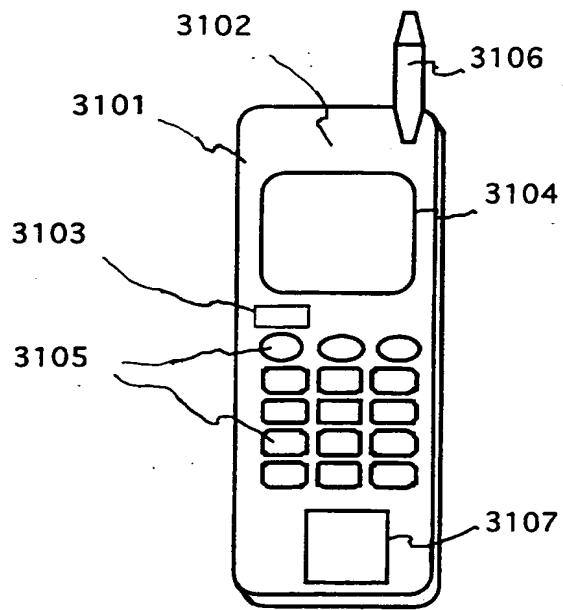


Fig. 31